

Style 409-R Mounting Kit

Thank you for purchasing a Shakespeare antenna product. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

IMPORTANT! Please read all instructions before installing.

The Style 409-R Mounting Kit is a versatile antenna mounting kit comprised of a Shakespeare Style 407 Heavy Duty 4-Way Swivel Mount and a Shakespeare Style 408-R Standoff Bracket. The swivel mount permits mounting on almost any surface, vertical or horizontal, and allows antenna laydown in any desired direction. For use with $1\frac{1}{2}$ " antennas, and antennas of $1\frac{1}{8}$ " and 1" diameter by using the appropriate adapter (supplied) in the standoff bracket.

Tools required: Drill and drill bit for $\frac{1}{4}$ " screws; screwdriver; wrench or pliers

Installation Instructions

Choose an antenna mounting location that is as high as feasible, as free as possible from obstructions, and as far as possible from other antennas and strong sources of RF.

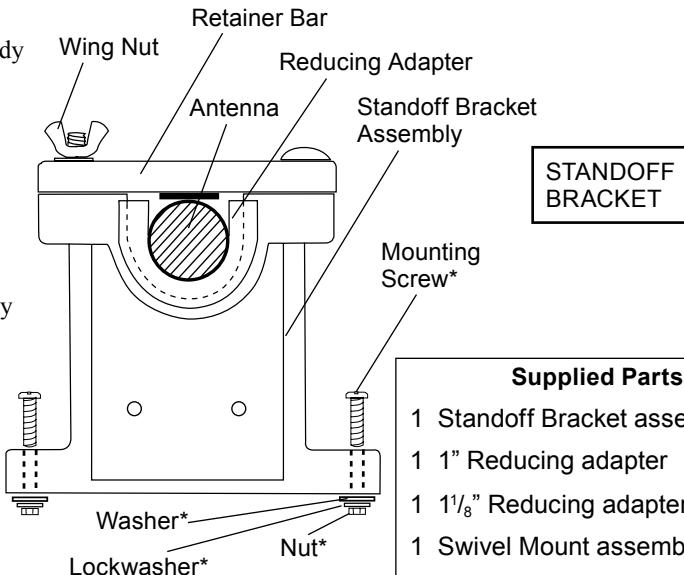
1. Using the base of the Swivel Mount as a template, mark the location for the four mounting holes. Drill $\frac{1}{4}$ " holes.

Note: When drilling fiberglass, place a wooden backup block behind the surface if possible, to minimize push-through damage.

2. Assemble the Swivel Mount by joining its two sections and securing them with the hex-head bolt, washer, lockwasher and nut (supplied). This joint can be in two positions, according to whether you're mounting to a vertical or horizontal surface.
3. Attach the Swivel Mount to the mounting surface using hardware (not supplied) that is applicable to the mounting surface.

IMPORTANT: If the thickness of the mounting surface is not adequate to support the antenna under expected stress, a wooden back-up pad (not supplied) should be applied underneath the mounting surface during installation.

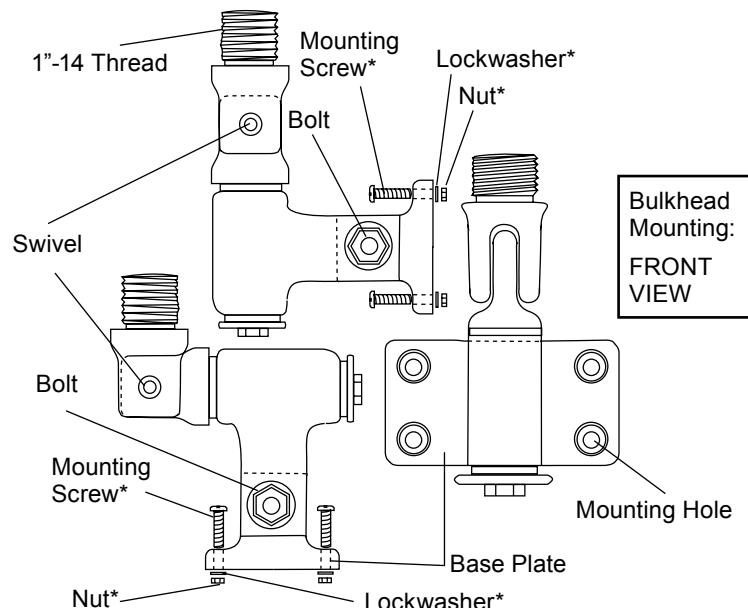
4. Assemble the antenna to the Swivel Mount, being careful not to damage the antenna's cabling, if any.
5. Loosen the wing nut on top of the Standoff Bracket and slide the retainer bar out of the way. Gently place the antenna in its mounting position in the U-shaped opening in the bracket. For $1\frac{1}{8}$ " and 1" antennas, put the appropriate reducing adapter (supplied) in the opening.



Supplied Parts

- 1 Standoff Bracket assembly
- 1 1" Reducing adapter
- 1 $1\frac{1}{8}$ " Reducing adapter
- 1 Swivel Mount assembly
- 1 Mount base plate
- 1 $3\frac{1}{8}$ " Hex-head Bolt
- 1 $3\frac{1}{8}$ " Internal Tooth Lockwasher
- 1 $3\frac{1}{8}$ " Plain Washer
- 1 $3\frac{1}{8}$ " Hex Nut

Bulkhead Mounting: SIDE VIEW



Deck Mounting: SIDE VIEW

* Not supplied. For some types of mounting surfaces you might need stainless steel woodscrews or other hardware.

Shakespeare Electronic Products Group

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